

20/7/1 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2004 Thomson Derwent. All rts. reserv.

002544916

WPI Acc No: 1980-62943C/*198036*

Prod. of cement compsn. for moulding sec. prod. - by mixing organic
caking agent with hydraulic cement adding, e.g. naphthalene
sulphonate-formalin condensate, kneading and adding clay

Patent Assignee: TOYO SODA MFG CO LTD (TOYJ)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 55095654	A	19800721				198036 B
JP 86024358	B	19860610				198627

Priority Applications (No Type Date): JP 7854085 A 19780509

Abstract (Basic): JP 55095654 A

Method comprises mixing organic caking agent and opt. reinforcing
material, with hydraulic cement, adding water contg. dissolved
water-decreasing agent (e.g. beta-naphthalenesulphonate-formalin
condensate) and kneading, and adding and mixing clay with the kneaded
material.

The resulting compsn. has excellent plasticity and shape-retaining
properties. Moulding of the cement compsn. can be continuously carried
out by extrusion moulder, injection moulder, etc.

Hydraulic cement used pref. consists of 100 pts.wt. Portland cement
and 2-10 pts. wt. of alumina cement, calcined gypsum, anhydrous gypsum,
etc. The amt. of organic caking agent (e.g. water-soluble cellulose,
ethylene oxide polymer, etc.) is 1-5 pts.wt. per 100 pts.wt. hydraulic
cement. The amt. of clay is pref. 5-20 pts.wt. per 100 pts.wt.
hydraulic cement. Reinforcing agent is e.g. fine aggregate such as
sand, asbestos, etc. The amt. of water added is 28-40 pts.wt. per 100
pts.wt. of hydraulic cement.

Derwent Class: A93; L02; P64

International Patent Class (Additional): B28C-007/04; C04B-013/21;

C04B-014/10; C04B-024/24; C04B-028/00

15oct04 11:33:53 User015070 Session D10468.3

Sub account: BALDS2.021APC-CSP

\$19.48 Estimated total session cost 0.090 Hrs.

Status: Signed Off. (5 minutes)